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imagery analysis report

Iraq/Iran Military Summary

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| IRAQ/IRAN MILITARY SUMMARY | 25 X 1 | | | |
| 1. (S/D) This report updates the most recent¹ in a series of imagery-derived reports on the Iraq-Iran conflict and covers the period from The report discusses deployed ground forces in the forward area, rear garrison units, airfields, naval bases, commercial shipping, POL facilities, the Nuclear Research Center in Baghdad, and a water injection facility in Iraq (Figures 1 and 2). Military unit designators and subordination (where used) are derived from collateral sources.² Additional reports will be issued as the situation changes. | 25X1 | | | |
| OVERVIEW | | | | |
| 2. (S/D) Imagery of the forward areas of conflict on showed that Iraq forces had only advanced approximately 3 nautical miles (nm) closer to Dezful and had not changed position at Ahvaz since Iraqi forces in both areas appeared to be digging in. By Iraqi forces had taken the town of Mehran, Iran and were advancing eastward. | 25X1 25X1 | | | |
| 3. (S/D) Two rear area garrisons in Iraq and five in Iran were imaged during the period. At one Iraqi and four Iranian garrisons, units had either departed or were preparing to depart. | | | | |
| 4. (S/D) Three Iraqi and 12 Iranians airfields were imaged. No new bomb damage was observed. The Iraqi bomber base at Al Taqaddum and the Iranian F-14 bases at Shiraz and Khatami were not imaged. | | | | |
| 5. (S/D) No damage was seen at four Iraqi and seven Iranian naval facilities. No evidence of conflict was seen on the islands of Jazireh Ye Tanb E Bozorg and Jazirat Abu Musa in the Strait of Hormuz. | | | | |
| 6. (S/D) Six POL facilities in Iraq and three in Iran were imaged. Additional damage to an Iraqi facility at Al Basrah was observed. In addition, damage to the facility at Al Faw was seen for the first time. No additional damage to the three facilities in Iran was observed. | | | | |
| GROUND FORCE ACTIVITY | | | | |
| Iraq/Iran Forward Area | | | | |
| | | | | |
| Ahvaz Area | | | | |
| | 25X1 25X1 25X1 25X1 | | | |
| Ahvaz Area 7. (S/D) On Iraqi and Iranian ground forces positions around the city of Ahvaz remained basically unchanged from those reported on no further Iraqi advance was apparent (Figure 3). The Iranian force levels were slightly reduced from Although all of the Iraqi units seen on were not imaged on those observed had neither increased nor decreased in | 25X1 25X1 | | | |
| Ahvaz Area 7. (S/D) On Iraqi and Iranian ground forces positions around the city of Ahvaz remained basically unchanged from those reported on no further Iraqi advance was apparent (Figure 3). The Iranian force levels were slightly reduced from Although all of the Iraqi units seen on were not imaged on those observed had neither increased nor decreased in strength. 8. (S/D) One Iraqi tank battalion, elements of a second tank battalion, and two armored personnel carrier (APC) battalions were deployed in revetted positions along a line running from 31-18-00N 048-30-00E to 31-16-00N 048-30-00E. They were 2 nm from the nearest Iranian positions and 9.5 nm southwest of Ahvaz. The areas farther southwest, where most of the Iraqi forces were observed on were not | 25X1 25X1 25X1 | | | |
| 7. (S/D) On Iraqi and Iranian ground forces positions around the city of Ahvaz remained basically unchanged from those reported on no further Iraqi advance was apparent (Figure 3). The Iranian force levels were slightly reduced from Although all of the Iraqi units seen on were not imaged on those observed had neither increased nor decreased in strength. 8. (S/D) One Iraqi tank battalion, elements of a second tank battalion, and two armored personnel carrier (APC) battalions were deployed in revetted positions along a line running from 31-18-00N 048-30-00E to 31-16-00N 048-30-00E. They were 2 nm from the nearest Iranian positions and 9.5 nm southwest of Ahvaz. The areas farther southwest, where most of the Iraqi forces were observed on were not imaged. 9. (S/D) One Iranian tank company and one APC company were at 31-16-00N 048-32-00E, 7.5 nm southwest of Ahvaz along the road and rail line leading to Khorramshahr. A slight decrease in equipment, from 16 tanks and 19 APC to 14 tanks and 16 APC, was observed at this location between A possible Iranian reconnaissance unit that included three tanks and four possible APC had been deployed to 31-18-00N 048-32-16E since Three batteries of self-propelled (SP) guns and one company of APC were at 31-20-00N 048-36-00E on (unchanged from A tank platoon was next to a road at 31-23-00N 048-34-00E, approximately 6 nm northwest of Ahvaz. This was a | 25X1 25X1 25X1 25X1 25X1 25X1 25X1 25X1 | | | |
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| 7. (S/D) On | 25X1 25X1 25X1 25X1 25X1 25X1 25X1 25X1 | | | |
| 7. (S/D) On | 25X1 25X1 25X1 25X1 25X1 25X1 25X1 25X1 | | | |

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| leading to Dezful had been repaired and was useable; however, no attempt was being made to cross the river. Destroyed and burning armored vehicles along the highway and in the vicinity of the bridge approaches indicate that the Iranians may have repulsed a crossing (Figure 5). Only two tank battalions (plus) and three mechanized infantry battalions of the Iraqi forces on the west bank were imaged. | |
|--|--------------------------------|
| 13. (S/D) The Iranians still maintained their defensive positions on high ground overlooking the bridges and near Dezful Highway Strip at 32-24-30N 048-14-00E. The Iranians had reinforced their defenses with an additional battalion of field artillery guns (towed) and one mixed SP-gun battalion (minus) which included four 175mm M-107. Elements of the armor brigade housed at Dezful Barracks and Brigade Headquarters that were in garrison or were still there. | 25X1 25X1 |
| 14. (S/D) Two Dezful Hawk Sites were occupied. Three of the six launchers at Dezful Hawk Site 2 A24 were loaded. Burn marks were observed behind two of the launch positions, indicating that at least two missiles had been fired since Only two launchers at Dezful Hawk Site A05 35 were imaged; both were loaded. | 25X1 25X1 25X1 |
| 15. (S/D) Iranian defensive forces at Shush had taken up new positions just east of the town. This force had been increased and included five tanks and two APC. No Iraqi forces were imaged in this area. | |
| Mehran Area | |
| 16. (S/D) The Iranian town of Mehran was in the control of Iraqi ground forces on and Iraqi forces had advanced at least 19 nm east of Mehran (Figure 6). Approximately 300 vehicles were along the hard-surface roads leading north and east from the town. Iraqi artillery was deployed east and north of the town. Three batteries were between 10 and 19 nm east of Mehran. Four additional batteries were between 3 and 6 nm northeast of the town. Limited artillery destruction was observed in the Mehran complex. Several buildings were destroyed near the hard-surface road leading east from the town, and a high concentration of artillery impact craters was north of the town. | 25X1 |
| 17. (S/D) Two HIP helicopters, eight trucks in convoy formation (on the road to Mehran), and 80 trucks in revetments were observed in the vicinity of Badrah, Iraq on | 25X1 |
| Qasr E Shirin Area | |
| 18. (S/D) No coverage was available during this reporting period. | |
| Maydan Area | |
| 19. (S/D) A large Iraqi vehicle concentration of at least 250 trucks was observed on the Iraqi side of the Iraq/Iran border at 34-45-37N 045-40-39E on partial coverage of Only one occupied antiaircraft site was observed. A probable Kurdish tent camp consisting of approximately 100 tents was at 34-56-00N 045-36-43E. | 25X1 |
| Sulaymaniyah Area | |
| 20. (S/D) An Iraqi concentration was observed deployed between Buban, Iraq and the Iraq/Iran border at 35-37-30N 045-56-50E on (Figure 7). At least one tank, two APC platoons, five artillery batteries, and 100 vehicles were present. No Iranian ground forces activity was observed on the Iranian side of the border. | 25X1 |
| Rear Areas | |
| Iraq | |
| 21. (S/D) Elements of all three OT-64-equipped mechanized infantry battalions and the support/transport battalion departed Az Zubayr Barracks and Division Headquarters Ash Shuaybah in the Al Basrah area between This mechanized infantry brigade may have redeployed to the Khorramshahr area. | 25 X 1 25 X 1 |
| 22. (S/D) At Kirkuk Barracks Corps Division Brigade Headquarters Ordnance Depot in northern Iraq, the SA-3 support unit, a heavy lift battalion, and an unidentified unit reported on were still dispersed within the facility on | 25X1 25X1 225X1 |
| ran | |
| 23. (S/D) In northwest Iran, support units of the Iranian 64th infantry division remained in garrison at division headquarters, Rezaiyeh Barracks Depot and Division Headquarters Elements of one FA battery (three howitzers) had been deployed in revetments on the eastern edge of the installation since at least Two AH-1 and three AB-214 helicopters were in the nelicopter landing area. The approximately 250 trucks/vehicles inside the barracks area had not been dispersed. | 25X1 25X1 25X1 |
| 24. (S/D) Ten MAZ-537 trucks, four 60-ton trailers, and 45 trucks departed from Tabriz Barracks and Training Center Fifteen trucks and eleven 60-ton trailers were dispersed throughout an open parking area and along the inside of a perimeter wall of the facility. (Continued p. 11) | 25X1 |
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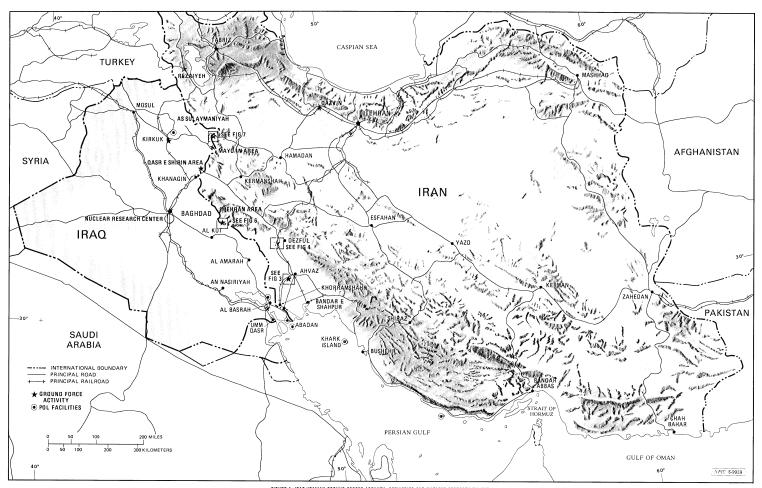
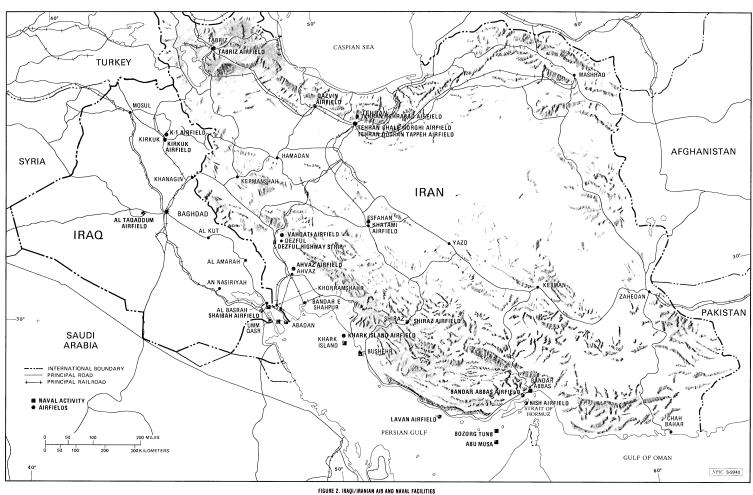


FIGURE 1. IRAQ/IRANIAN GROUND FORCES ACTIVITY, REFINERIES AND NUCLEAR RESEARCH CENTER

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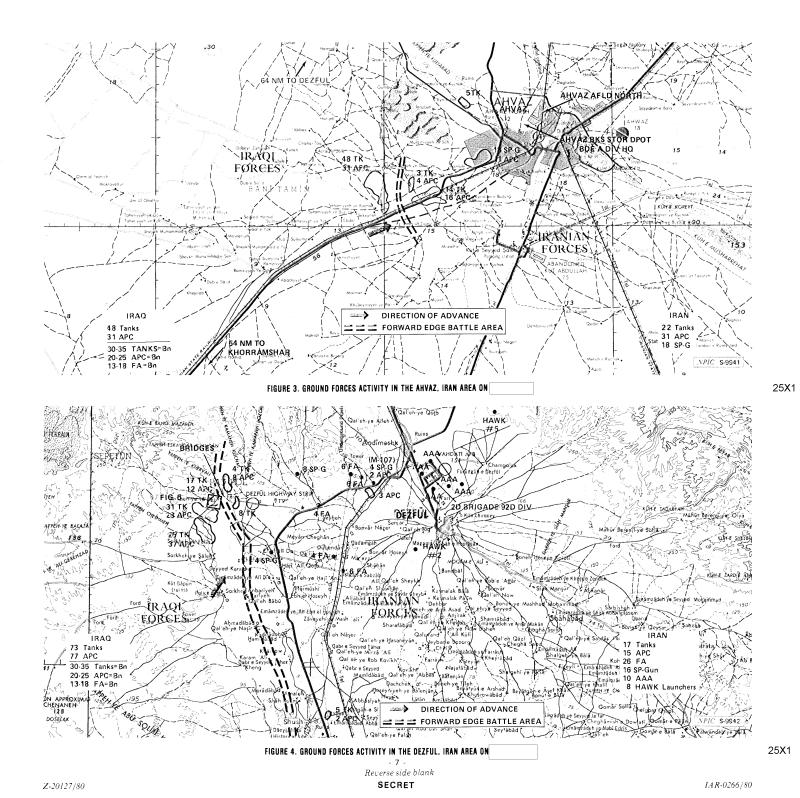


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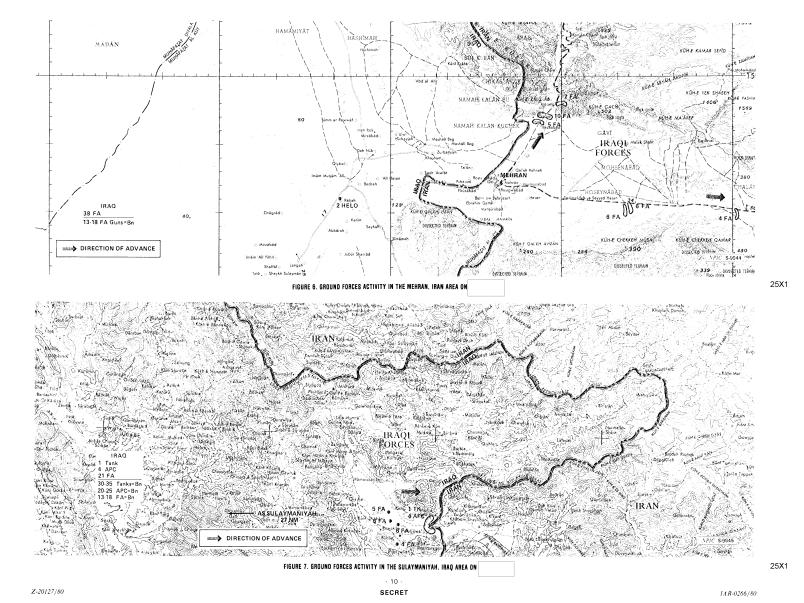


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| 25. (S/D) One tank company (11 tanks) and one battalion of ZSU-57/2 SP AA (ten guns) departed Cazyin Barracks Division and Brigade Headquarted; Major delinents of one tank battalion, two mechanized infantry battalions, one SP howitzer battalion, one Seorpion amored cavalry company, two heavy bridge pontion (PMP) engineer companies, and a heavy find the standard of the property of | 39. (S/D) At Tehran/Doshan Tappeh Airfield four ZU-23 were observed deployed adjacent to the runway on imagery of No evidence of No evidence of hostilities was observed on either date. Air order-of-battle on 4 October included two C-130, 14 F-27, two small straight-wing aircraft, and one probable AB-214. 40. (S/D) No battle damage or aircraft was observed on partial coverage of Qazvin Airfield (BE imagery). Two trucks were blocking the runway on that date. 41. (S/D) The southern portion of Tabriz Airfield was imaged on One F-5, four dereliet F-5, and on a B-214 helicopter were present. No further damage was observed and airfield defenses observed remained in place. 42. (S/D) In the Bandar Abbas area, several of the 16 lines of dirt piles blocking the runway and parallel taxiway at Bandar Abbas NAS Airfield were removed between Efforts to remove the remainder of the dirt were observed on imagery of One vehicle was blocking the taxiway on with the straight of the dirt were observed on imagery of One vehicle was blocking the taxiway on air defense units present. No aircraft were present. 43. (S/D) The runway at Lavan Airfield was blocked by a portable aircraft on-folloading stairway and three small objects on No battle damage was observed nor were any air defense units present. No aircraft were present. |
|--|---|
| AIR ACTIVITY | Oerlikon AA site remained occupied. |
| Iraq | 45. (S/D) Shiraz International Airfield (and Khatami AB Airfield the F-14 airbases, were not imaged. |
| 28. (S/D) Shaibah Airfield in the Al Basrah Area, remained operational on with no bomb damage observed. Air order-of-battle included one FISHBED, one probable FISHBED, three HIP-C, and four SUPER FRELON helicopters. | NAVAL ACTIVITY |
| 29. (S/D) No bomb damage was observed at Kirkuk Airfield (Air order-of-battle included six FITTER (two taking off) and one FISHBED. | 46 (C/D) The weight of the |
| 30. (S/D) Al Taqaddum Airfield (the major bomber base in Iraq, was not imaged. 31. (S/D) In the Kirkuk area at K-I Airfield the bomb craters reported on had not been repaired on One Alouette and nine probable HIP helicopters were present. | 46. [S/D) The majority of the combatants at Al Basrah Naval Base \() on the Shatt Al Arab were dispersed in the friver on \() These combatants included two SO-1 submarine chasers (PCS), two Polipocny medium amphious assault landing ships (LSM), two Yougenya inshore minesweepers (MSE), one T-43 fleet minesweeper (MSF), one Osa missile attack boat (PTG), and a Split-B training ship (AX). Ships at the naval base included two P-6 patrol boats (PTG). |
| Iran 32. (S/D) Khark Island Airfield remained blocked by vehicles on No aircraft were present. | 47. (S/D) At Umm Oasr, five Osa II PTG, one fireboat (VTR), and two Polnoony LSM were dispersed in the river on white four P.6 PT. one T-43 MSF, and five small craft were docked at Umm Qasr Naval Base later Osa PTG and two Polnoony LSM were dispersed along the river. Two Osa PTG, seven P.6 PT. one SO-1, and one T-43 MSF were docked at the base. |
| 33. (S/D) Six AH-1, three AB-214, and one Jet Ranger aircraft were at Ahvaz Airfield North (BE adjacent to Ahvaz Barracks Storage Depot Brigade and Division headquarters Only three AH-1 and one AB-214 were present on | 48. (SD) At Umm Qasr Port Facilities the military transshipment area was vacant on Approximately 200 military vehicles/pieces of equipment had been removed since A Soviet Leninskiy Komsomol-class mership was at the military quay from One 0sa PTG was docked along the quay on |
| 34. (S/D) Although Derful was still under attack by Iraqi ground force units on Vahdati AB Alfrield. AB Alfrield approximately 3 nm north of Dezful, continued to be used by combat aircraft. Three F-5, one probable F-5, nine AB-214, one CH-47, and two probable let Ranger aircraft were present. This portion of the airfield was not imaged on No additional damage was observed at the airfield. | 49. (S/D) At Khor Al Zubayr Port Facility two Osa PTG were docked at the quay on |
| 35. (S/D) Continuing analysis of overage of the Dezful battle area revealed five AH-1 in flight and one CH-47 on the ground at 32.25-30N 048-27-40E (east-southeast of Vahdati AB Aiffield). Four AH-1 were flying in a northeasterly direction, two at 32.21-20N 048-22-10E and two at 32.22-20N 048-22-30E. The fifth AH-1 at 32.25-20N 048-28-30E was flying in a northwesterly direction. All five AH-1 may have been returning to Vahdati AB Airfield. This is the first indication of Iranian close air support for their ground forces units. | 50. (S/D) At Khark Island, one Winchester patrol air cushion vehicle (PACV), one probable MK- III patrol boat (PB), and two river/roadstead patrol boats (PBR) were at Jazireh Ye Khark Naval Base One Wellington PACV had departed since At Khark Island Hovercraft Base four Wellington PACV and three Winchester PACV were also present |
| 36. (5/D) Dezful Highway Strip remained operational on However, Iraqi ground forces were approaching from the west. 37. (5/D) Fehran/Mehrabad International Airfield was partially cloud covered on No additional damage to the runway or support facilities was observed in the cloud-free area Combat aircraft observed included 15 F-4, 21 F-5, one 747 tanker, six C-130, one Caribou, three CH-47, and one AB-214. Fourteen of the F-4, 13 of the F-5, and the Caribou were in the northeast dispersal area where the F-4 are usually parket. | 51. (S/D) At Bushehr Naval Base one PF-103 patrol frigate (PF) departed since one La Combattante-IIB missile attack boat arrived at the base. Naval order-or-battle present on included two PF-13 PF, six La Combattante-IIB PTG, and seven MK-III PB. One of was discernible. Strait of Hormuz |
| 38. (8/D) No battle damage was observed nor were any antiaircraft defenses deployed at Tehran/-Chale Morphi Airfledt Air order-of-battle included one probable RH-53, four CH-47, nine AB-214/AH-1, three Jet Ranger, one DC-3, and 27 small straight-wing aircraft. | 52. (S/D) One Wellington PACV departed from Bandar Abbas Port Facilities Suru (and one Hengham tank landing ship (LST) arrived at the port between Nessels in port on included one Battle destroyer (DD), two Sumner guided missile destroyers (DDG), two Vosper |

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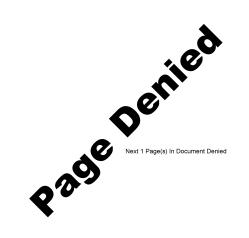
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| motor gunboat (PGM), six MK-III patrol boats (PB), five river/roadstead PBR, one Wellington PACV, and two Hengham LST. The portion of the small graving dock where a PGM-II PGM was on was obscurred because of obliquity. Neither of the two water carriers was in or near the naval base. | 25X |
| 53. (S/D) One Sumner DDG, one Vosper MK-5 (SAAM) FFG, one Bandar Abbas small replenishment oller (AORL), and one auxiliary vessel arrived and one La Combattante IIB PTG (Kaman), one Wellington PACV, and one Kengham LST departed between No battle damage or evidence of hostilities was observed. | 25X |
| 54. (S/D) No naval, air, or ground forces activity was observed on Jazireh Ye Tanb E Bozorg Island or on Jazirat Abu Musa Island | 25X |
| COMMERCIAL SHIPPING | |
| Iraq | |
| 55. (S/D) At Al Faw Port Facilities one medium bulk carrier was moored at the pier while two medium freighters and one probable tanker were moored in the open waters of the Shatt Al Arab on | 25X 25X |
| 55. (S/D) At Unm Qasr Port Facilities | 25X 25X 25X 25X 25X |
| 57. (S/D) At Al Basrah Port Facilities are a freighters, two container ships, one bulk carrier, and one medium tanker were moored at the quay and in deeper waters of the Shatt Al Arab on the dispersal of the various ships in the river appeared to be due to a lack of adequate docking space at the quay. Two medium freighters left the area around the quay between | 25X 25X 25X |
| Iran | |
| 58. (S/D) Twelve cargo ships and one freighter were at Bandar Abbas Port Facilities Suru Five of the cargo ships were anchored in the harbor, awaiting clearance into the port facility. A backup of cargo ships at this port is unusual. By | 25X 25X 25X 25X |
| 59. (S/D) No change in status was apparent at Shah Bandar Abbas Port Facilities West (BE | 25X |
| POL FACILITIES | |
| Iraq | |
| 60. (S/D) At Khor Al Amaya POL Terminal, near the mouth of the Shatt Al Arab, no bomb damage was observed on and no tankers were at the terminal. | 25X 25X |
| 61. (S/D) At Al Faw Crude Oil Storage Terminal also near the mouth of the Shatt Al Arab, one of the three large floating-top POL tanks was on fire and two of the 24 medium floating-top | 25X |
| tanks were burned out in the northern storage area on Figures 8 and 9). In addition, two POL pipe sections had been destroyed. One of the 16 large floating-top POL storage tanks was destroyed, but no damage was observed to the eight medium floating-top POL storage tank in the southern storage area. In addition, one POL pipe section was destroyed. All of the tanks appeared to be empty. | 25X |
| 62. (S/D) At Al Basrah Petroleum Refinery Az Zubayr an additional POL tank had been damaged and two of the four large vertical POL tanks previously reported as destroyed on seriously were still on fire and smoke was being emitted on No damage was observed at the refinery. | 25X 25X 25X |
| 63. (S/D) At Al Basrah Petroleum Refinery Mufliyah one of three vertical POL tanks reported damaged on was still smoking on No new damage was observed at this facility. | 25X 25X |
| 64. (S/D) At Kirkuk Petroleum Pump Station and Storage K1 a bomb impact crater was observed adjacent to the quonset building in the support area on No bomb/strafing damage was observed to the oil fields or pumping facilities north of Kirkuk. | 25X 25X |
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Iran 65. (S/D) No additional damage appeared to have been sustained by the oil processing facilities on Two medium-sized storage tanks on the southeast side of the POL Khark Island between 25X1 25X1 tank farm at Jazireh Ye Khark POL Terminal were destroyed, and a third tank was damaged. No new leaks or ruptures to pipelines were visible. 66. (S/D) No damage appeared to have been sustained by Rey Petroleum Refinery and Storage (BE south of Tehran. 25X1 67. (S/D) No battle damage or evidence of hostilities was observed at Jazireh Ye Lavan POL No air defense units were deployed at the facility. Topping and Gas Plant 25X1 **OTHER** Iraq slight damage to a support build-25X1 68. (S/D) At Baghdad Nuclear Research Center ing was observed on imagery of _____ The damage to the support building on the west side of the 25X1 reactor building was probably the result of a low-level strafing attack (Figures 10 and 11). 69. (S/D) In the Kirkuk, Iraq area at the Mahawali Waterworks one clarifier tank 25X1 The extent of wall had been destroyed and two horizontal filter tanks had been damaged by 25X1 damage to the remainder of the facility could not be determined because of heavy cloud cover. This facility is approximately 20 nautical miles (nm) northwest of Kirkuk. REFERENCES **IMAGERY** (S/D) All applicable satellite imagery acquired from 25X1 was used in the preparation of this report. MAPS OR CHARTS DoD. Joint Operations Graphics, Various Sheets (UNCLASSIFIED, Distribution Restricted) **DOCUMENTS** (S), Oct 80 (SE-1. NPIC. Z-20123/80, IAR-0263/80, Iraq/Iran Military Summary, 25X1 25X1 CRET 2. DIA. DDB-1100-IZ-80, Ground Order of Battle: Iraq (U), Jan 80 (SECRET/ 25X1 DIA. DDB-1100-IR-78, Ground Order of Battle: Iran (U), Aug 78 (SECRET 25X1 (S) Comments and queries regarding this report are welcome. They may be directed to the South Asia/Arabia Branch,

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